

ENGINEERING DATA TRANSMITTAL

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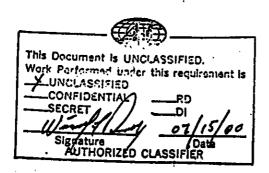
PFP TREATMENT AND STORAGE UNIT INSPECTION SCHEDULE

Prepared for the U.S. Department of Energy Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford

P.O. Box 1000 Richland, Washington



PFP TREATMENT AND STORAGE **UNIT INSPECTION SCHEDULE**

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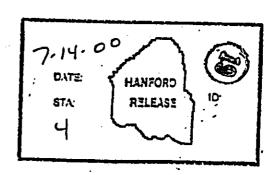
Date Published June 2000

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Fluor Hanford

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Inspection Schedule

Effective Date

PFP TREATMENT AND STORAGE UNIT INSPECTION SCHEDULE

APPROVALS

Reviewed by: J.E. Bramson, ECO

Approved by: R. L. Rhoten, Manager PFP Surveillance

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Inspection Schedule	Effectiv	ve Date 07/14/00

1.0 INSPECTION SCHEDULE

Inspections performed to ensure that activities associated with the PFP Treatment and Storage Unit comply with the requirements of WAC 173-303-320, WAC 173-303-395(1)(d), and 40 CFR 265.174. The inspection schedule contains the requirement description, inspection frequency and the types of problems looked for on an inspection. The following two tables contain the inspection schedule for the PFP Treatment and Storage Unit.

Table 1. PFP Treatment and Storage Unit Inspection Schedule.

Requirement Description	Inspection Frequency	Types of Problems	Implementing Document
40 CFR 265,174 Areas where containers are stored	Weekly	Leaks and deterioration caused by corrosion and other factors.	 FSP-PFP-5-8, Section 1.30, Salid Waste Management HNF-PRO-5122, Dangerous Waste Generator Activities
WAC 173-303-395(1)(d) Ignitable or reactive waste	Annual where ignitable or reactive wastes are stored	Stored in compliance with Hanford Site fire protection standards	FSP-PFP-5-8, Section 1.30, Solid Waste Management

Requirement Description	Inspection Frequency	-320(2) Inspection Schedule Types of Problems	Implementing Documentation
Monitoring equipment:	1 requency		Documentation
High Temperature Alarm/Switch	12 months	An alarm and interlock : has been set at 80°C to prevent water from boiling and being lost to the Glovebox.	Preventative Maintenance System database FSP-PFP-5-8 "Plutonium
High-High Temperature Alarm/Switch	12 months	A redundant system has been set at 90°C in the event that the lower temperature unit fails.	Finishing Plant Administration"
Safety and emergency equ	ipment:		•
First aid kits Respirators	Weekly	Equipment is present and is functional.	• ZO-100-032 • ZO-170-113
 Eyewash/shower station Emergency lighting Fire extinguishers Spill cart/spill cabinet Spill cleanup equipment 	Monthly	Equipment is present and is functional.	 ZO-170-140 ZSR-12N-001 ZO-170-150 ZO-100-031 ZO-100-031
Security devices:		,	
"Danger unauthorized personnel keep out" signs	Weekly	Signs are posted and legible.	FSP-PFP-5-8, Section 1.30, Solid Waste Management
Operating and structural	equipment:		
Giovebox	Each Treatment process	Operability	ZO-160-060
Scale	Each Treatment process	Mass balance of actinide must be sufficiently accurate to support shipment to WIPP	ZO-160-060
Chillwater tank	Each Treatment process	Temperature between 2 and 10oC is desired to maintain calcium/water reaction temperature as low as possible.	ZO-160-060
Auger	Each Treatment process	The feed rate of the SS&C must be restricted in order to limit hydrogen gas generation.	ZO-160-060

			
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Table 2. WAC 173-303-320(2) Inspection Schedule.

Requirement Description	Inspection Frequency	Types of Problems	Implementing Documentation
Areas subject to spills	•		•
PFP Treatment and Storage Unit	Daily when waste management activities having a potential for a spill to occur	Evidence of spills	 FSP-PFP-5-8, Section 1.30 ZO-100-400 ZO-100-402

2.0 INSPECTION LOG

An inspection log or summary will be maintained for at least five years from the date of the inspection and will include:

- The date and time of the inspection
- The printed name and the handwritten signature of the inspector
- A notation of the observations made
- An account of the spills or discharges in accordance with WAC 173-303-145
- The date and nature of any repairs or remedial actions taken.

Problems revealed by the inspection will be remedied on a schedule, which prevents hazards to the public health and the environment. Where a hazard is imminent or has already occurred, remedial action must be taken immediately.